

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079131.D
 Acq On : 11 May 2015 22:33
 Operator : TP/IZ
 Sample : G2176-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-29(15-20)

Quant Time: May 12 01:59:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 01:34:40 2015
 Response via : Initial Calibration

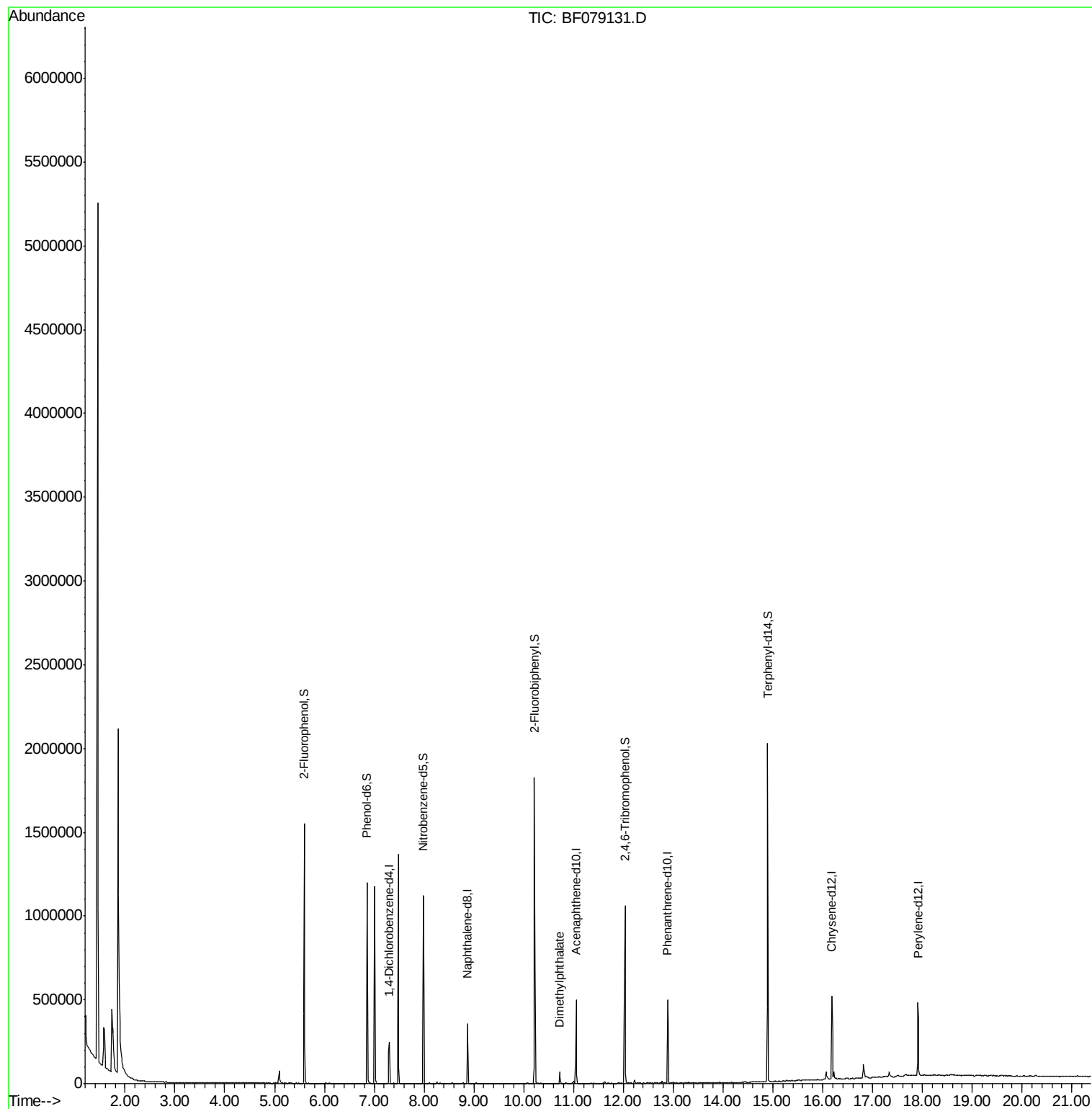
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	52035	20.00	ng	0.00
21) Naphthalene-d8	8.87	136	213030	20.00	ng	-0.01
38) Acenaphthene-d10	11.05	164	105781	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	199828	20.00	ng	-0.01
75) Chrysene-d12	16.18	240	215543	20.00	ng	-0.05
86) Perylene-d12	17.91	264	228017	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	453575	150.05	ng	0.01
7) Phenol-d6	6.86	99	602888	150.88	ng	0.00
23) Nitrobenzene-d5	7.99	82	332637	89.74	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	166735	145.70	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	627376	82.63	ng	-0.01
78) Terphenyl-d14	14.89	244	701858	77.96	ng	-0.01
Target Compounds						
49) Dimethylphthalate	10.72	163	34213	4.41	ng	Qvalue # 98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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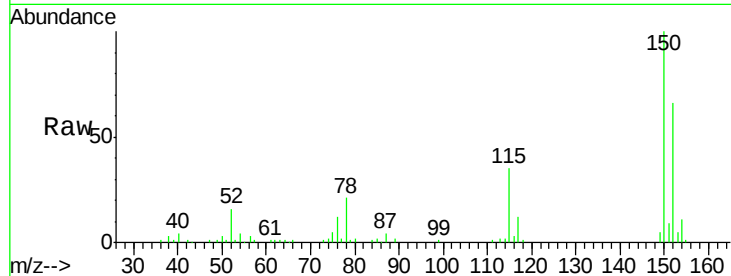


#1

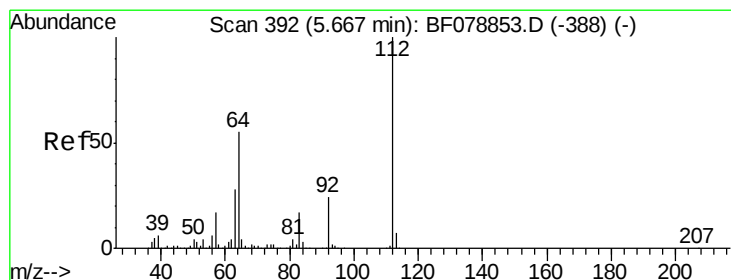
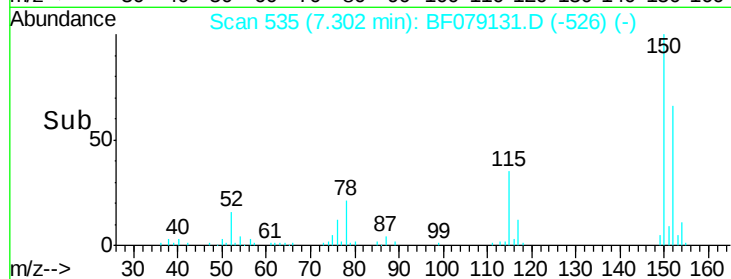
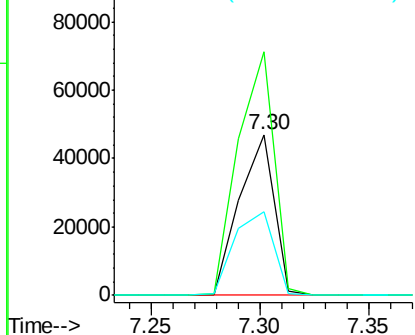
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF079131.D
Acq: 11 May 2015 22:33

Instrument :
BNA_F
ClientSampleId :
PS-29(15-20)

Tot Ion:152 Resp: 52035
Ion Ratio Lower Upper
152 100
150 151.6 122.0 183.0
115 52.3 46.3 69.5



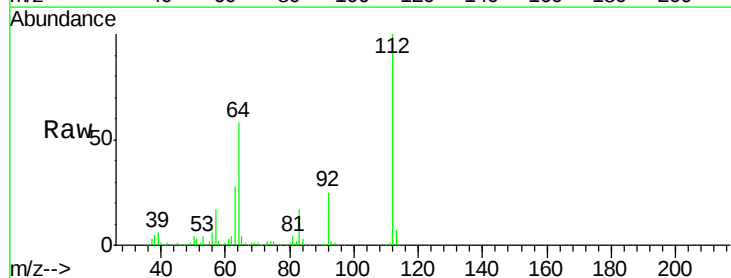
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



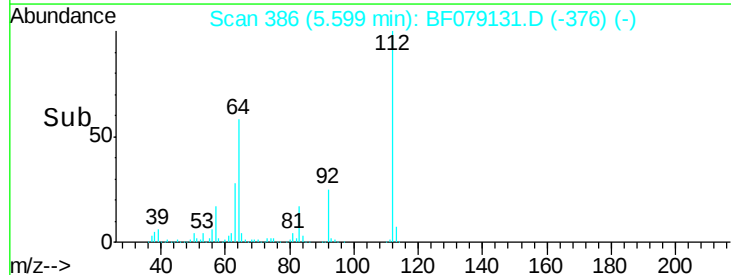
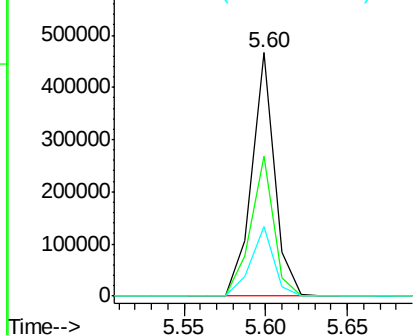
#5

2-Fluorophenol
Concen: 150.05 ng
RT: 5.60 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF079131.D
Acq: 11 May 2015 22:33

Tgt Ion:112 Resp: 453575
Ion Ratio Lower Upper
112 100
64 57.6 53.5 80.3
63 28.4 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 150.88 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF079131.D

Acq: 11 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PS-29(15-20)

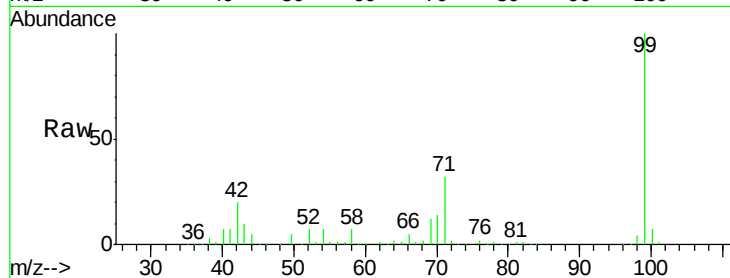
Tot Ion: 99 Resp: 602888

Ion Ratio Lower Upper

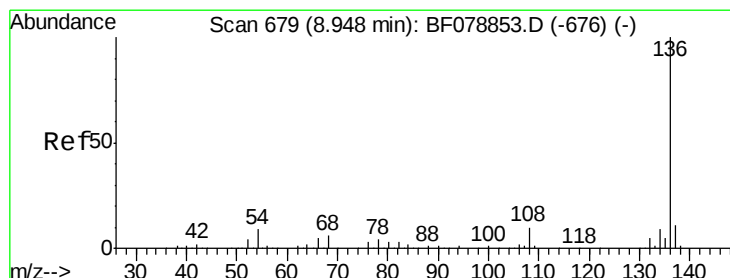
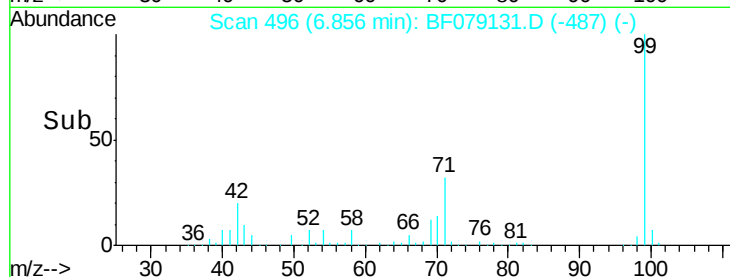
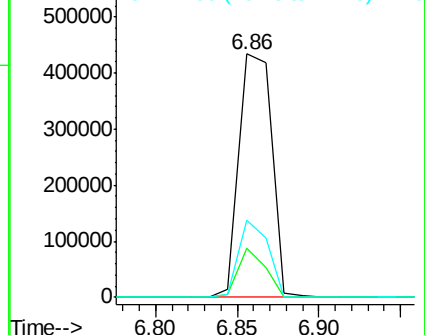
99 100

42 20.0 12.8 19.2#

71 31.9 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.87 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF079131.D

Acq: 11 May 2015 22:33

Tgt Ion: 136 Resp: 213030

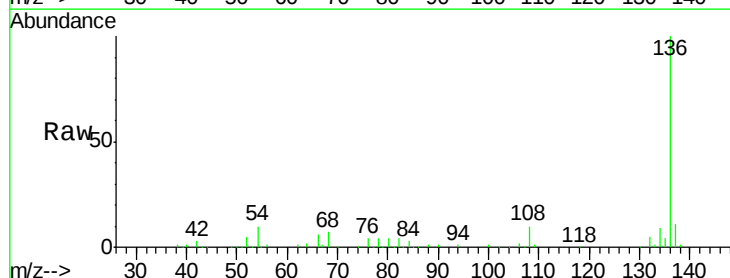
Ion Ratio Lower Upper

136 100

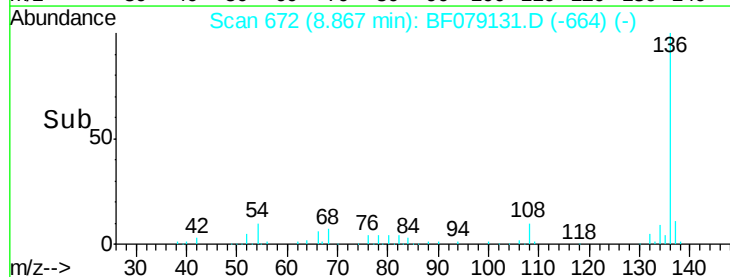
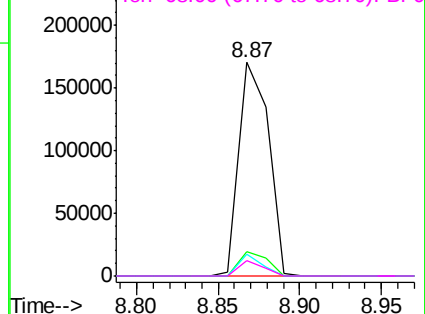
137 11.4 8.7 13.1

54 10.0 5.8 8.8#

68 7.3 4.2 6.4#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 89.74 ng

RT: 7.99 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF079131.D

Acq: 11 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PS-29(15-20)

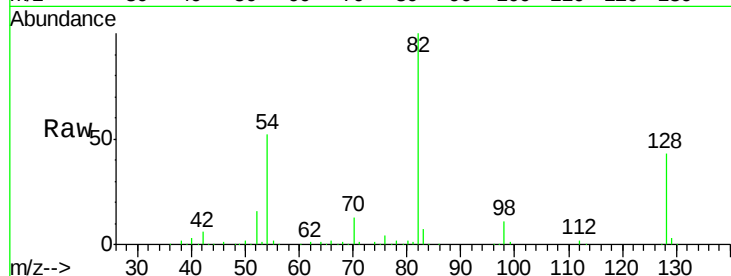
Tot Ion: 82 Resp: 332637

Ion Ratio Lower Upper

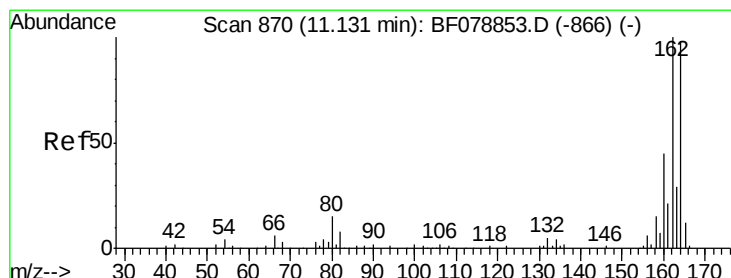
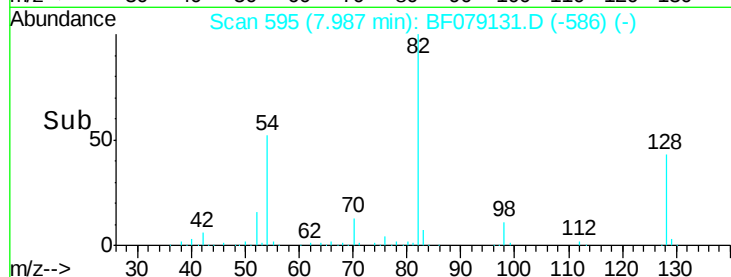
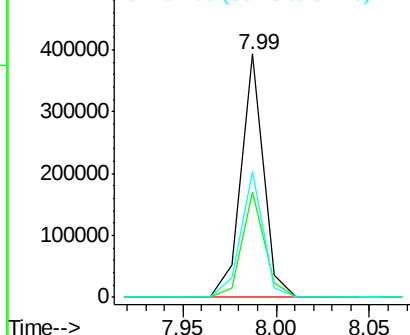
82 100

128 43.4 30.0 45.0

54 51.7 46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF079131.D

Acq: 11 May 2015 22:33

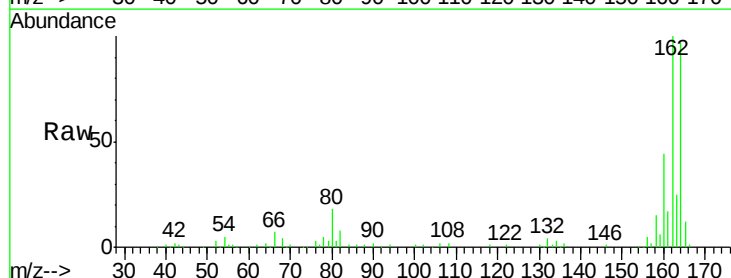
Tgt Ion:164 Resp: 105781

Ion Ratio Lower Upper

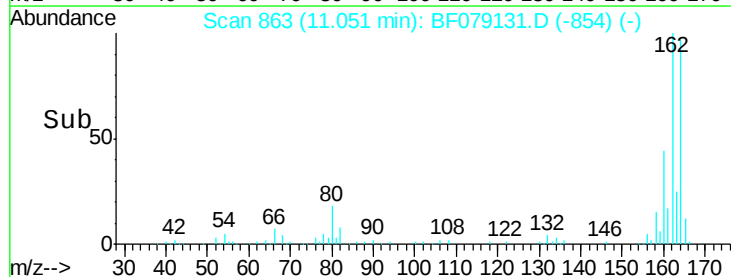
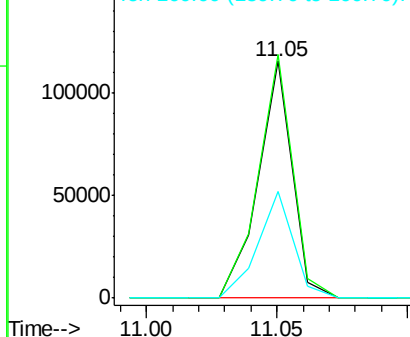
164 100

162 102.7 82.7 124.1

160 45.0 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

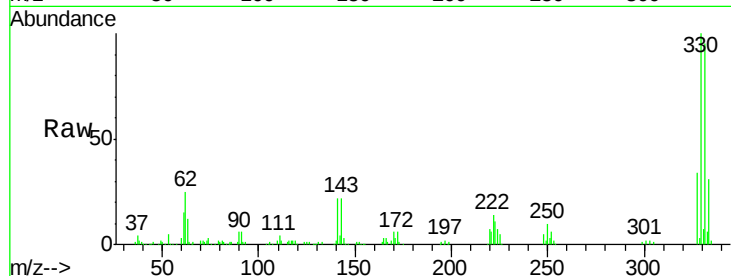




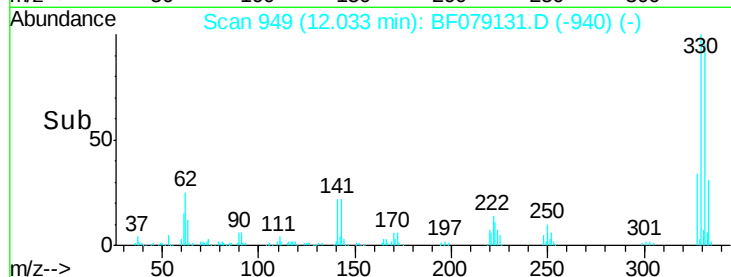
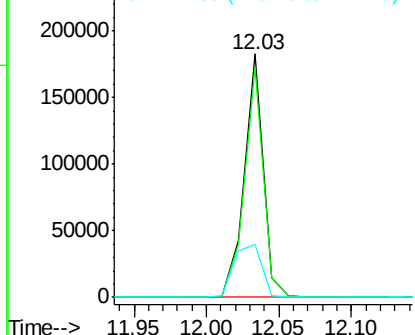
#41
 2,4,6-Tribromophenol
 Concen: 145.70 ng
 RT: 12.03 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF079131.D
 Acq: 11 May 2015 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PS-29(15-20)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	0.0	0.0#
141	31.8	0.0	0.0#

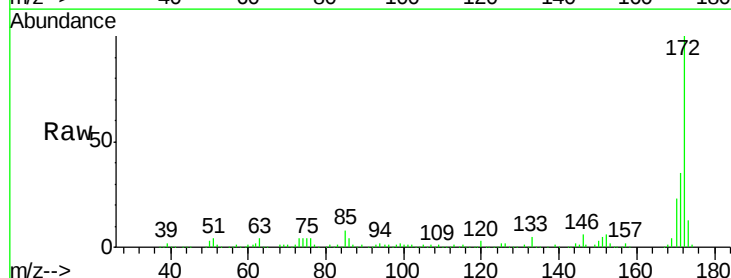


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

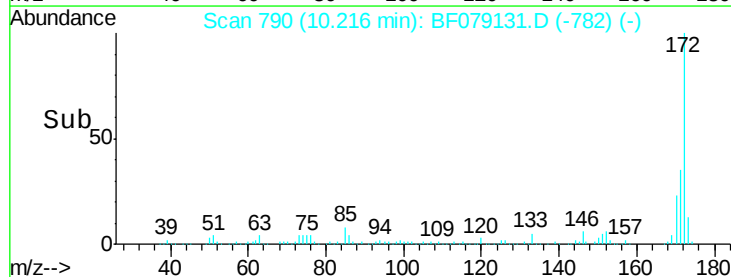
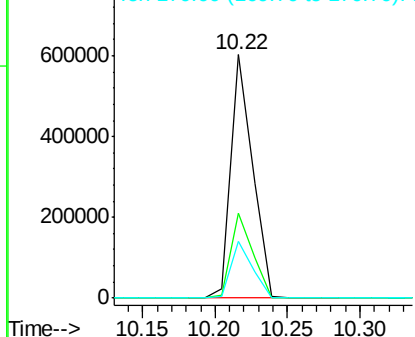


#44
 2-Fluorobiphenyl
 Concen: 82.63 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF079131.D
 Acq: 11 May 2015 22:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.4	19.4	29.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

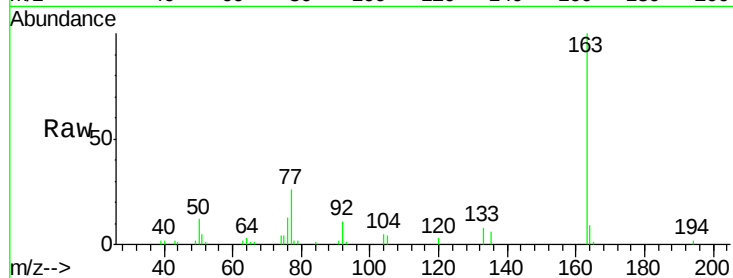




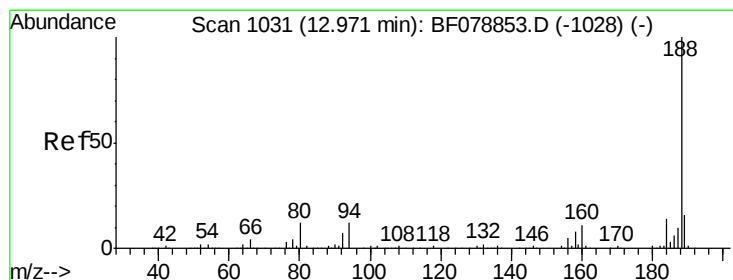
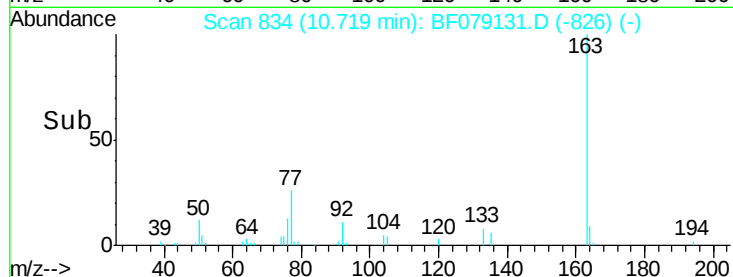
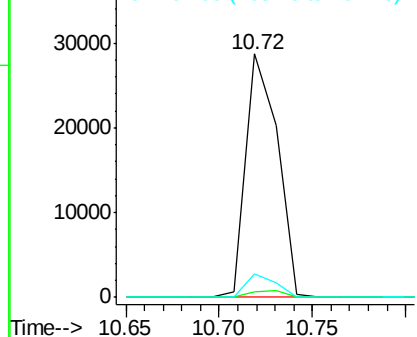
#49
Dimethylphthalate
Concen: 4.41 ng
RT: 10.72 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF079131.D
Acq: 11 May 2015 22:33

Instrument :
BNA_F
ClientSampleId :
PS-29(15-20)

Tot Ion:163 Resp: 34213
Ion Ratio Lower Upper
163 100
194 2.3 2.6 4.0#
164 9.5 8.1 12.1

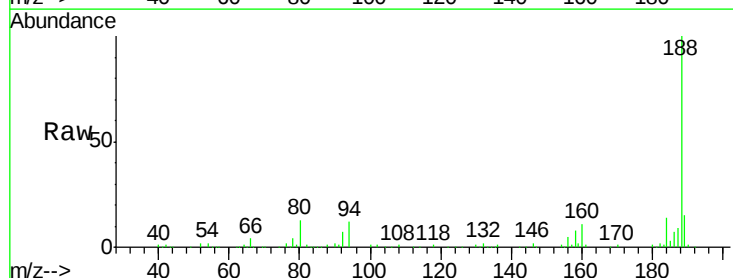


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

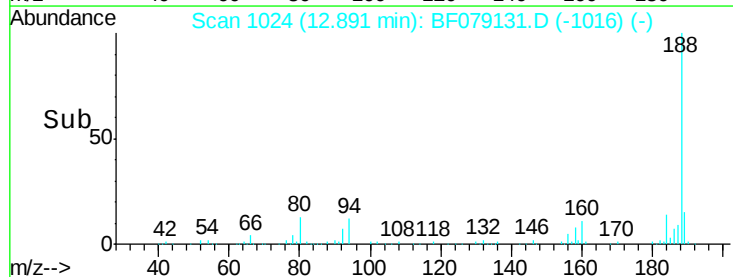
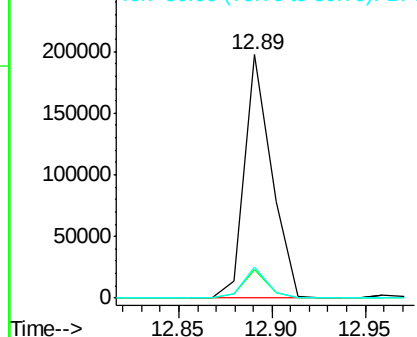


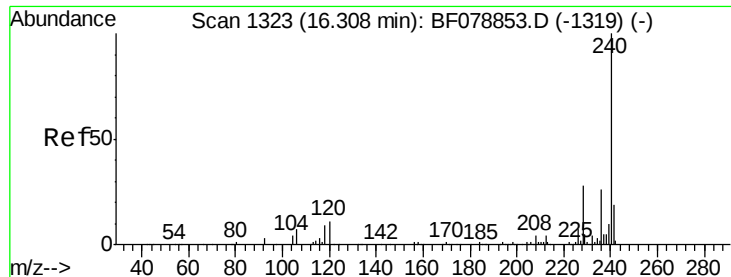
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.89 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF079131.D
Acq: 11 May 2015 22:33

Tgt Ion:188 Resp: 199828
Ion Ratio Lower Upper
188 100
94 11.8 8.2 12.2
80 13.0 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.18 min Scan# 1312

Delta R.T. -0.05 min

Lab File: BF079131.D

Acq: 11 May 2015 22:33

Instrument :

BNA_F

ClientSampleId :

PS-29(15-20)

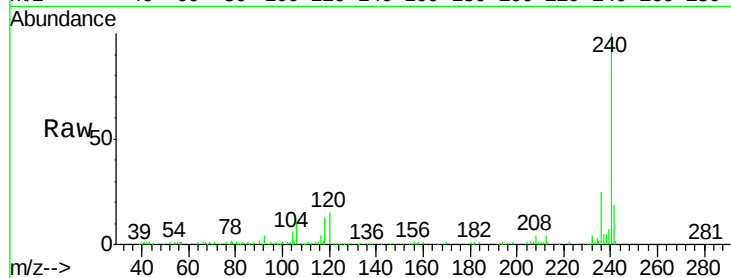
Tot Ion:240 Resp: 215543

Ion Ratio Lower Upper

240 100

120 15.1 9.7 14.5#

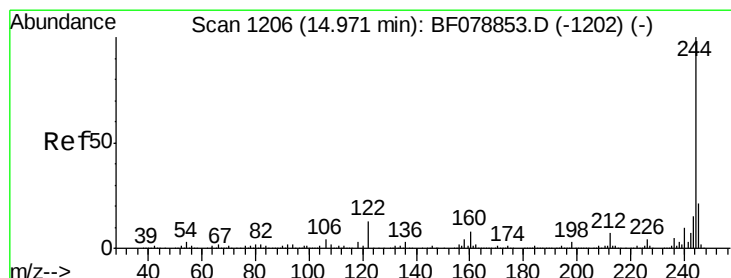
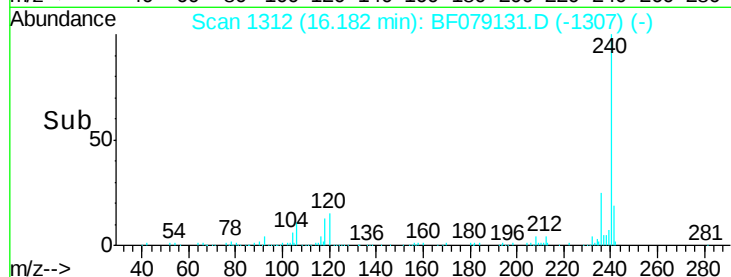
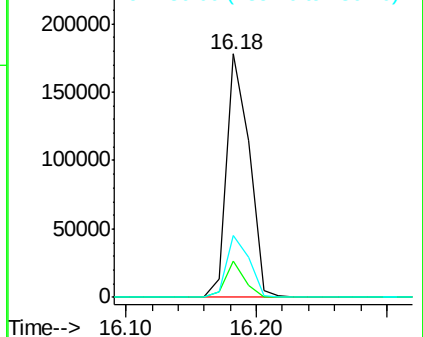
236 25.3 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 77.96 ng

RT: 14.89 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF079131.D

Acq: 11 May 2015 22:33

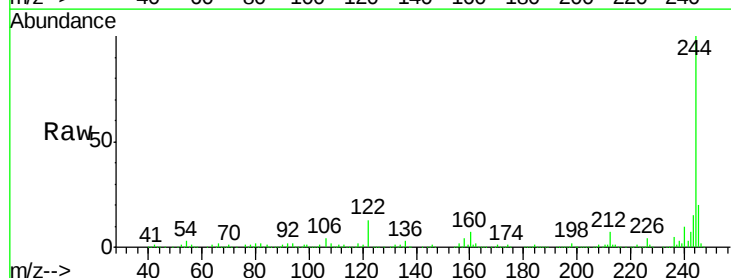
Tgt Ion:244 Resp: 701858

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

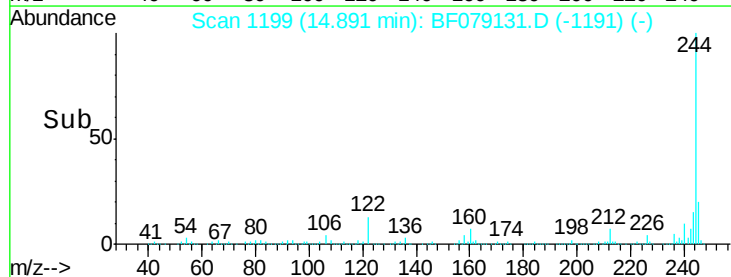
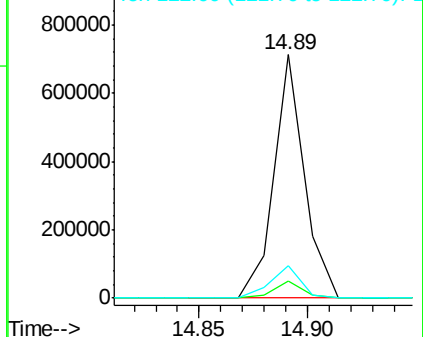
122 13.3 10.3 15.5

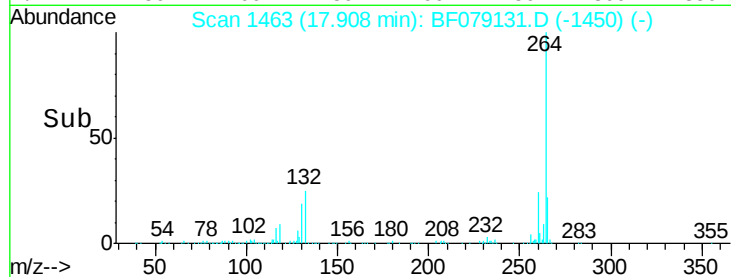
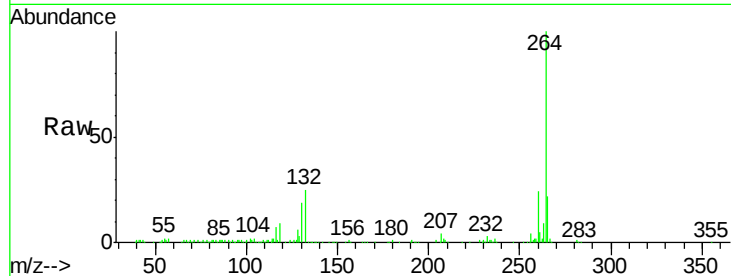
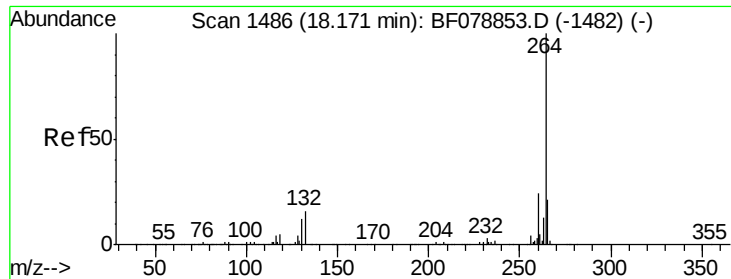


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.91 min Scan# 1463
 Delta R.T. -0.15 min
 Lab File: BF079131.D
 Acq: 11 May 2015 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PS-29(15-20)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.2	18.3	27.5

